



# CapWIN Connection

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## Special Points of Interest:

- Call CapWIN Toll Free:  
1-877-CapWIN1  
1-877-227-9461
- Main Office:  
301-614-3700
- Technical Questions?  
301-614-3705
- Training Questions?  
301-614-3721
- Visit our Website  
[www.capwin.org](http://www.capwin.org)
- Send comments to:  
[editor@capwin.org](mailto:editor@capwin.org)

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## Working Together for the Common Good

**By Marilyn Praisner,  
Councilmember, Montgomery County Council**

As an elected official with a long time interest in improving public safety communications, I offer the CapWIN initiative as a concrete example of what "working together for the common good" is all about. Within the context of CapWIN, "working together for the common good" means working together to plan, fund, build, and govern an interoperable public safety communication system...a system intended to protect the public and save lives.

As a member of the National Task Force on Interoperability (NTFI), I worked with 18 national associations representing elected, appointed, and public safety officials to identify a list of key reasons as to why our current public safety communications are not already interoperable.

Reason #1: Different jurisdictions use different equipment and different radio frequencies that cannot communicate with one another. CapWIN is initially focusing on a mobile data communi-

cations capability that will allow public agencies the ability to communicate regardless of whether different equipment or radio frequencies are used.

Reason #2: There is limited funding to replace or update existing communications equipment. CapWIN is based on standards-based technology that provides the ability to leverage the investments of agencies in existing communications systems.

Reason #3: Planning is limited and fragmented. CapWIN has spent well over two years establishing an ad-hoc organizational structure that has been involved in the planning of the system. This structure includes participation of over 40+ Federal, State, and local agencies representing, public safety and transportation agencies in the Capital region.

Reason #4: Management and control is an obstacle. CapWIN has been designed to allow for agency autonomy by allowing agency administration and control of



**Marilyn J. Praisner**

their involvement/use of the CapWIN system.

Reason #5: There is limited and fragmented radio spectrum available to public safety. CapWIN will have long-term benefits in terms of establishing a forum for public safety officials and policymakers to collaborate on efforts to address radio communications interoperability.

I truly believe that CapWIN represents a great example of "working together for the common good."



# Technical Corner... Connecting to CapWIN - What Does my Agency Need?

By Catherine Miller  
Systems Analyst

This article provides some details of what your agency needs in order to connect to the CapWIN System. It is split into two sections. The first section outlines the administrative requirements and the second section outlines the technical requirements.

## Administrative Requirements:

The first task to complete in order to become a CapWIN Participating Agency is to have your agency head sign the CapWIN Agreement for Participating Agencies. To obtain a copy of this agreement, please call the CapWIN office at 301-614-3700 and specify whether your agency currently has an existing mobile system or does not have a mobile system.

## Technical Requirements:

To connect to the CapWIN System each user in your agency will need

- A laptop, PDA, or desktop computer.
- A "connection" to the CapWIN System.
- A standard web browser.
- CapWIN CD containing WECM and Java Runtime.

The "connection" can take the form of a hard wired connection from your agency's network to CapWIN's

Network Operations Center in Greenbelt, MD and/or a wireless connection such as 802.11x, CDPD, CDMA (1xRTT, EDVO), GSM (GPRS), 800MHz or other wireless infrastructure.



The CapWIN System is browser based and can run within any standard



web browser such as Internet Explorer, Netscape, or Mozilla.

The initial CapWIN install will contain a copy of the WebSphere Everyplace Connection Manager - WECM client (~4M) and a copy of Java runtime (~8M). CapWIN will supply your agency with a CD that contains this necessary software for the initial install. If you do not have a browser loaded on your laptops CapWIN will

*"We have attempted to make connection to the CapWIN System as simple as possible..."*

**Bruce Barney**  
Director of Network Operation

supply Internet Explorer 5.0 or higher or Mozilla 1.4 on the CapWIN CD.

The minimum requirements for the laptop or desktop:

- Connection to CapWIN
- 64MB RAM (128MB or higher RAM recommended)
- 40MB Hard disk space
- Internet Explorer 5.0 or higher, Netscape 6.0 or higher, or Mozilla 1.4

The minimum requirements for the PDA:

- Connection to CapWIN
- 64MB RAM
- 48MB ROM
- PocketPC 2002
- 240x320 display
- PocketPC 2002 version of Internet Explorer



# TeleCommunications Systems (TCS) and CapWIN

By Jim Hall

*TCS Director of Operations*

Since its founding in 1987, TeleCommunication Systems (TCS) has been a world leader in creating essential connections...between telephony and data...between disaster sites and relief agencies...between mobile operators and their subscribers.

TCS has a long history of providing technologies that enhance national security and the safety of our military personnel.



- SwiftLink™ – Completely portable, self-contained systems – providing anytime, anywhere voice, data and video communications.
- Satellite Solutions – World class, low-latency solutions providing secure and reliable communication.
- High Capacity Voice, Video and Data Communication – Fast, reliable systems – especially vital in remote areas lacking wireless infrastructures.

**TCS TeleCommunication Systems**  
*Enabling Convergent Technologies®*

is providing the network equipment installation and user training development.

In February of 2003 TCS successfully completed the installation of all of the CapWIN network equipment.

TCS is developing training manuals that will be distributed to all course attendees, as well as a training CD-ROM for the CapWIN program office.

For the CapWIN project, TCS



## Meet the Staff ... Fred Davis, Deputy Director

Fred Davis, was born and raised in Charlotte, North Carolina and attended Central Piedmont Community College.

He enlisted in the United States Coast Guard in 1967 and served aboard the USCG Cutter Samuel D. Ingham in Norfolk, VA. Fred served as a gunners mate in Viet Nam from 1968-1969. Returning from his overseas tour, he was stationed at the Elizabeth City Air Base, Elizabeth City, NC and served the remainder of his enlistment with the Air Base Security Office.

After his honorable discharge from the Coast Guard in 1971, he joined the North Carolina State Highway Patrol and was sta-

tioned as a Trooper in Greenville, NC. Promotions through the ranks provided Fred the opportunity to attend the highly regarded Police Administrators Training Program (PATP) at Northwestern University's Traffic Institute in Evanston, Illinois from 1987-1988. Upon his return to duty in North Carolina, he was assigned to the Research and Planning Unit at Highway Patrol Headquarters in Raleigh, NC. After a five year tour in R&P, Fred was promoted to Lieutenant and reassigned as Director of the Information Management Unit (IMU). At IMU, he was responsible for managing a statewide, multi-platform information system utilized for the delivery of critical administrative and operational law enforcement data for the Highway Patrol and other law enforcement agencies. He was promoted to Captain in 1995 and served at

IMU until his retirement on December 31, 1998. One of the highlights of his Highway Patrol career was serving on the Criminal Justice Information Network (CJIN) study committee (1993) and subsequently providing project management for the statewide deployment of the North Carolina CJIN Mobile Data Network.

Fred has worked with the CapWIN Project since July 2001.





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### **Contact CapWIN**

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### **CapWIN Sponsors**

- ◆ USDOJ—National Institute of Justice (NIJ)
- ◆ USDOJ—Office of Domestic Preparedness (ODP)
- ◆ Public Safety Wireless Network (PSWN)
- ◆ USDOT—Federal Highway Administration (FHWA)
- ◆ Maryland State Highway Administration (SHA)
- ◆ Virginia Department of Transportation (VDOT)

### **CapWIN Executive Leadership**

<b>Charles Samarra</b> <i>Chief of Police</i> <i>Alexandria Police Department</i> <i>Alexandria, Virginia</i>	Chair
<b>Margret Kellems</b> <i>Deputy Mayor</i> <i>District of Columbia</i> <i>Washington, DC</i>	Vice Chair
<b>Edward Plaughter</b> <i>Chief</i> <i>Arlington County Fire Department</i> <i>Arlington, Virginia</i>	Vice Chair
<b>Marilyn J. Praisner</b> <i>Councilmember</i> <i>Montgomery County Council</i> <i>Rockville, Maryland</i>	Vice Chair
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